

WAVELENGTH-SELECTIVE ROUTING USING AN OPTICAL ADD/DROP ARCHITECTURE

Abstract of the Disclosure

- 5 A wavelength-selective routing capability is provided in a single network element by configuring the network element using a combination of add/drop network elements to route individual optical channels of WDM signals among a plurality of optical transmission paths coupled to the network element. Any optical channel of any WDM signal received at the network
- 10 element can be selectively added, dropped, or routed among the multiple optical transmission paths within and external to the node.